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PTO/SB/21 (04-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to respond Application Number 10/720,967 TRANSMITTAL Filing Date November 24, 2003 **FORM** First Named Inventor Vladimir Grushin Et. Al. (to be used for all correspondence after initial filing) 2813 Art Unit Unknown **Examiner Name** PE0649USDIV7 Attorney Docket Number Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): **Express Abandonment Request** Request for Refund CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm E. I. DU PONT DE NEMOURS AND COMPANY Individual name Mary Ann, Caprie‴ Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Diane M. Dick Typed or printed name and Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

VLADIMIR GRUSHIN ET. AL.

CASE NO.: PE0649USDIV7

CONFIRMATION NO.: 5220

**EXAMINER: UNKNOWN** 

APPLICATION NO.: 10/720,967

**GROUP ART UNIT: 2813** 

FILED: NOVEMBER 24, 2003

FOR: ELECTROLUMINESCENT IRIDIUM COMPOUNDS WITH FLUORINATED

PHENYLPYRIDINES, PHENYLPYRIMIDENES, AND PHENYLQUINOLINES AND

DEVICES MADE WITH SUCH COMPOUNDS

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the required information is also enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

MARY AWN CAPRIA ATTORNEY FOR APPLICANTS

Registration No.: 32,659 Telephone: (302) 992-3749 Facsimile: (302) 892-7949

**Enclosures** 

PTO/SB/08A (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

	Complete if Known	
Application Number	10/720,967	
Filing Date	NOVEMBER 24, 2003	
First Named Inventor	VLADIMIR GRUSHIN	
Group Art Unit	2813	
Examiner Name	UNKNOWN	
Attorney Docket Number	PE0649LISDIV7	

			U.S. PATE	NT DOCUMENTS	
Cite No.1		ocument Number  - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US -	6,303,238 B1	10-16-2001	Thompson et al.	
	US -	6,670,645 B2	12-30-2003	Grushin et al.	
	US -	2001/0019782 A1	09-06-2001	Igarashi et al.	
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where			
		CountryCode <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Relevant Passages or Relevant Figures Appear	T <sub>6</sub>		
		EP 1 191 614 A2	03-27-2002	Canon Kabushiki Kaisha				
		WO 00/57676 A1	09-28-2000	Univ. of Southern California				
		WO 01/41512 A1	06-07-2001	Princeton Univ & University of Southern California				
		WO 02/02714 A2	01-10-2002	DuPont				
		WO 02/15645 A1	02-21-2002	Princeton Univ, Univ of So Cal & Universal Display				

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.com/www.uspto.com/wpep-901.04">www.uspto.com/wpep-901.04</a>. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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	Substitute for form 1449A/PTO	Complete if Known						
	INCODMATION DIGGL COURT	Application Number	10/720,967					
	INFORMATION DISCLOSURE	Filing Date	November 24, 2003					
	STATEMENT BY APPLICANT	First Named Inventor	VLADIMIR GRUSHIN ET. AL.	_				
		Group Art Unit	2813					
	(use as many sheets as necessary)	Examiner Name	UNKNOWN	_				
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	_	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS		
Examiner Cite		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		LAMANSKY, SERGEY ET AL., Highly Phosphorescent Bis-Cyclometalated Iridium Complexes: Synthesis, Photophysical Characterization, and Use in Organic Light Emitting Diodes, J. Am. Chem. Soc., 2001, 4304-4312, 123, American Chemical society		
		LAMANSKY, SERGEY ET AL., Synthesis and Characterization of Phosphorescent Cyclometalated Iridium Complexes, Inorg. Chem. 2001, 1704-1711, 40, American Chemical Society		
		LAMANSKY, SERGEY ET AL., Molecularly doped polymer light emitting diodes utilizing phosphorescent Pt(II) and IR(III) dopants, Organic Electronics, 2001, 53-62, 2, Elsevier Science B.V.		
		ABSTRACT OF JAPANESE PCT Publication WO02/44189 A1, Luminescent Element and Display, 06-06-2002, Canon Kabushiki Kaisha		
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Examiner		Date		

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Applicant's unique citation designation further opinional). Applicant is to place a check mark field it engines ranguage Translation is attaction. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.